

IN THE CLAIMS

1. (Canceled).
2. (Canceled).
3. (Canceled).
4. (Canceled).
5. (Canceled).
6. (Canceled).
7. (Canceled).
8. (Canceled).
9. (Canceled).
10. (Canceled).

11. (Canceled).

12. (Canceled).

13. (Canceled).

14. (Canceled).

15. (Canceled).

16. (Canceled).

17. (Original) A wireless dual use user equipment (UE) capable of operating in a cordless and cellular environment, the dual user user equipment comprising:

a modulation and demodulation device for modulating/demodulating data using a plurality of modulation/demodulation schemes, the plurality of modulation/demodulation schemes comprise a cordless for communicating with a sub base and a cellular scheme for communicating with a base station;

a modulation and demodulation controller for switching the modulation/demodulation scheme of the modulation/demodulation device between

the cordless scheme and the cellular scheme; the modulation and demodulation controller initiating operation in the cellular environment by sending a handoff signal and switching to the cellular scheme; whereby a sub base in response to the sent handoff signal ceasing communications with a cellular base station.

18. (Canceled).

19. (Canceled).

20. (Canceled).

21. (Original) The dual use UE of claim 17 wherein the dual use UE determines it is leaving the cordless environment by measuring a received signal strength of a sub base transmission.